

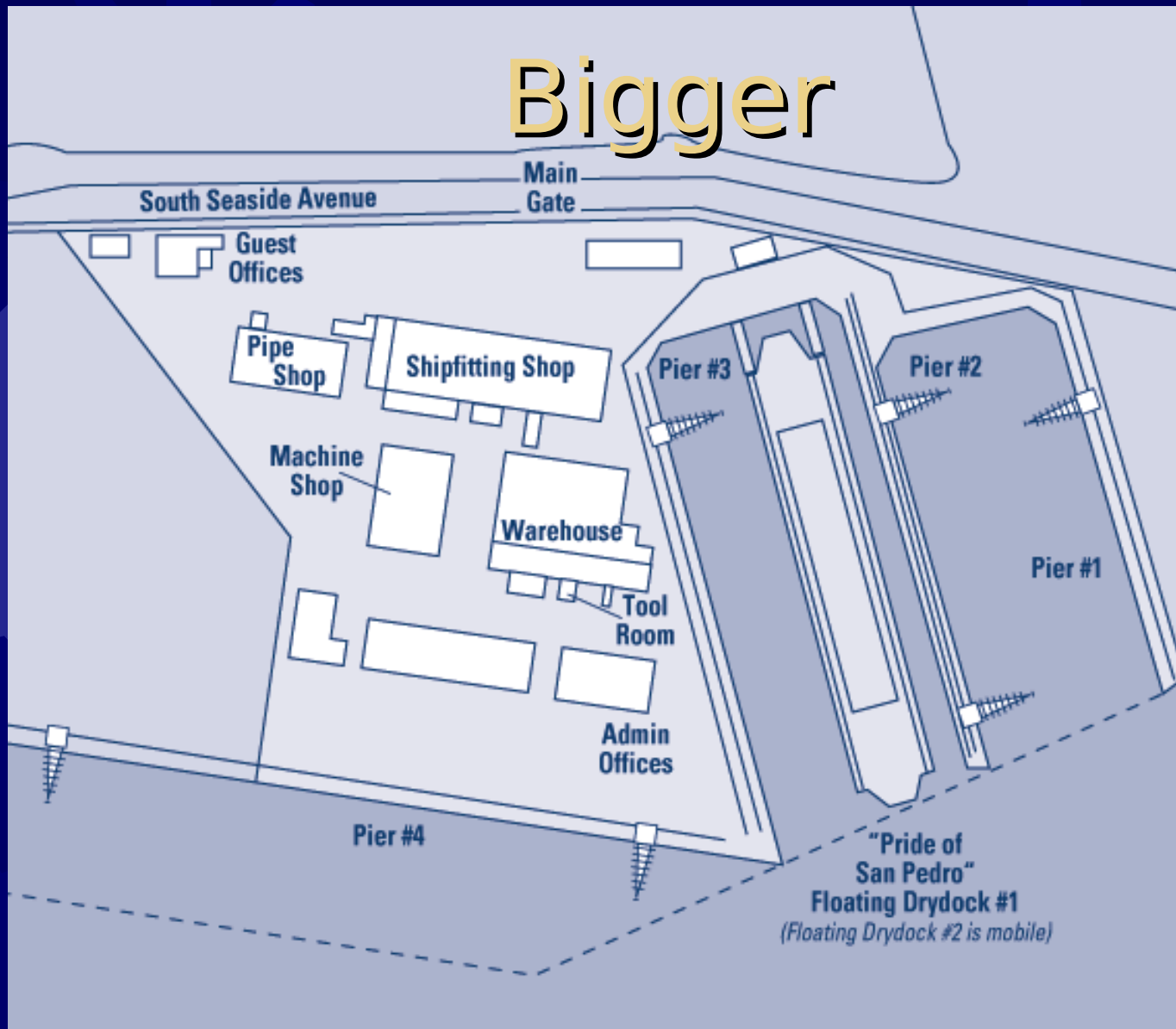
Shipyard Layout



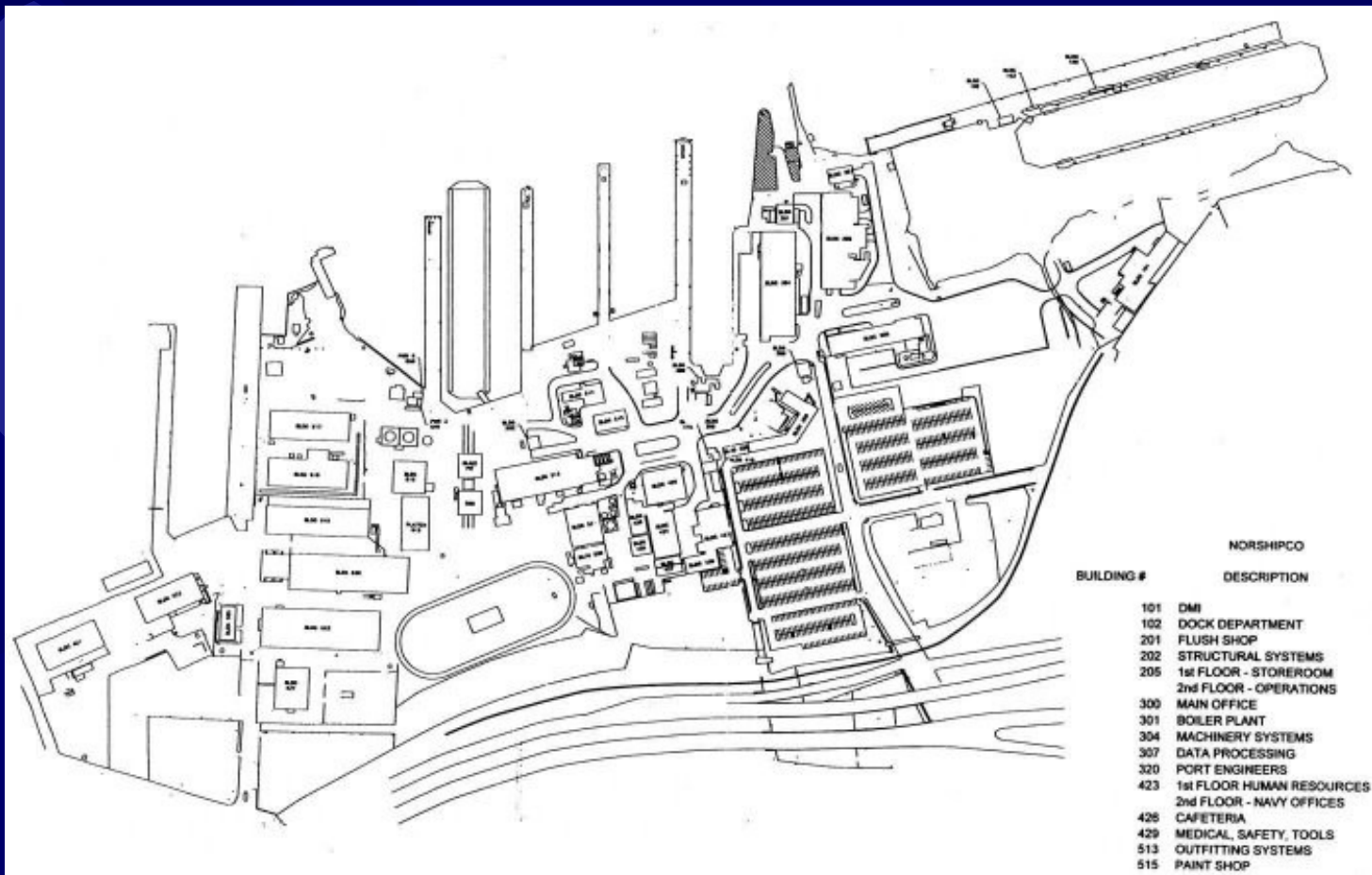
Big



Bigger



Biggest



A large ship's bow is being lifted by a crane at night. The ship is white with red and black markings, including the number '618' on both sides. The crane is illuminated by bright lights, and the background shows industrial structures and a dark sky. The image is framed by a blue background with large gear shapes and a colorful, abstract pattern on the left side.

Manufacturing Processes

Design Phase for 49' BUSL Project

- ★ 25 boats in 3 years
- ★ Concept was already proven and prototyped
- ★ Production drawings were created
- ★ LLTM was purchased



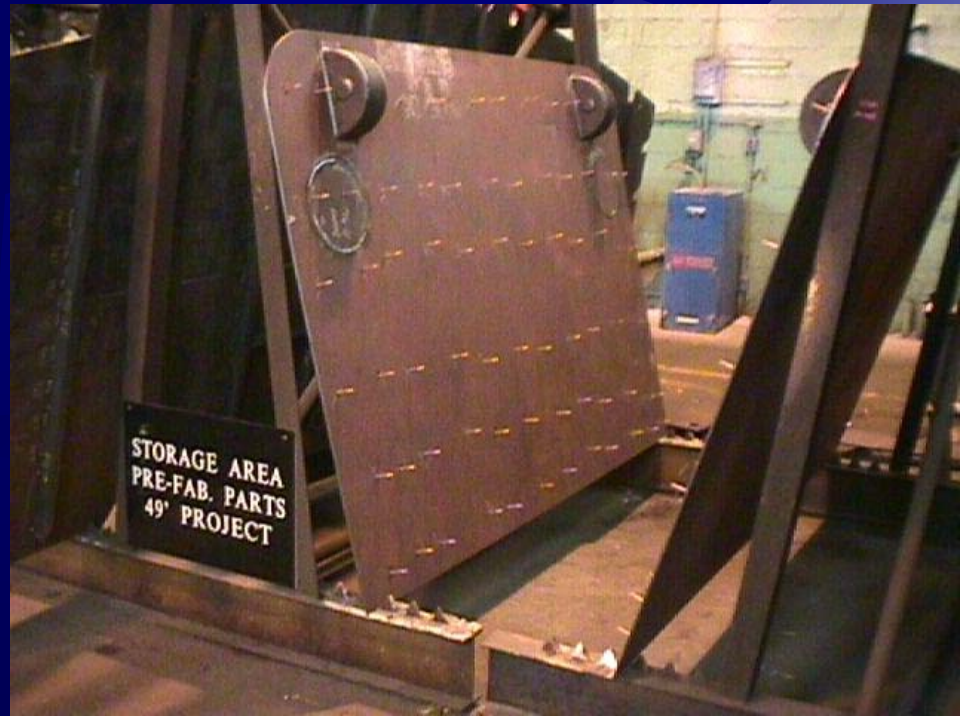
Pre-Fabrication

- ✦ Build Mocks, Jigs, and Fixtures.
- ✦ Cut out Plate



Pre-Fabrication

- ✦ Cut out Plate
- ✦ Assemble Bulkheads



Build Shell

- ✦ On Mock
- ✦ Inverted Construction



Structural Outfit

- ✴ Weld pre-fabricated components to shell.
- ✴ Install piping



Blast/ Paint/ Righten

- ✦ Boat shell is blasted and painted before being flipped over.
- ✦ No more welding from this point on.



Rough outs/ Install Deckhouse

- ✱ Install Aluminum Pilothouse.
- ✱ Install Pilothouse equipment.





Install Machinery

- ✦ Bolt on machinery into foundations.
- ✦ No connections, yet.



Machinery Connection

- ✦ Connect all machinery.
- ✦ Avoids people climbing over each other to install and hook-up.
- ✦ Critical alignments can be done once.



Electrical Installations

- ✦ Only Electricians and Electronics Technicians on the Boat at this time.

Final Paint



Launch

- ★ Final Machinery test on dock
- ★ Drop in water for sea trials
- ★ Deliver quality CG asset on time and under budget!